

Docket No. 424 – Development and Management Plan Inspection

The Connecticut Light and Power Company Certificate of Environmental Compatibility and Public Need for the Connecticut portion of the Interstate Reliability Project.

IRP Overhead ROW

Interim Week Inspection:

Date: August 7, 2014

Inspector: John Corbo, E.I.T.

Rain Event: 0.05" on 8/4/2014

Locations Inspected (by Town, Map Sheet, and Structure Number/Site – reference Feb., 2014 D&M Plans):

Card Street Substation, Lebanon CT (CSSS)
Columbia, CT: MS 2-4 of 66 (Str. 7-24)
Coventry, CT: MS 5-7 of 66 (Str. 25-34)
Mansfield, CT: MS 8-17 of 66 (Str. 36-91)
Chaplin, CT: MS 18-23 of 66 (Str. 92-123)
Hampton, CT: MS 24-31 of 66 (Str. 124-161)
Killingly, CT: MS 47-50 (Str. 240-255)

Work Observed: (by Map Sheet and Structure Number / Site)

CSSS: Concrete work inside station.

MS3, Str 15: Drilling operations.

MS4, Str 20: Drilling operations.

MS6, Str 28: Drilling operations and hammering rock.

MS8, Str 42: Drilling operations.

MS19, Str 99-101: Tree clearing alongside Route 6, hanging block and arms on Monopole Structures 99 and 100.

MS20, Str 104-105: Drilling operation at Str 104, hanging block at Str 105.

MS26, Str 137-139: Clearing operations.

MS29, Str 149-151: Clearing operations down-line of Str 150.

MS30, Str 159-160: Building access road, delivery of materials.

MS48, Str 245-247: Spreading of hay on exposed topsoil, demobilization of machinery.

IRP Overhead ROW

Bi-Weekly Week Inspection:

Date: August 14, 2014

Inspector: John Corbo, E.I.T.

Rain Event: 2.75" on 8/13/14

Locations Inspected (by Town, Map Sheet, and Structure Number/Site – reference Feb., 2014 D&M Plans):

Card Street Substation, Lebanon CT (CSSS)
Columbia, CT: MS 2-4 of 66 (Str. 7-24)
Coventry, CT: MS 5-7 of 66 (Str. 25-34)
Mansfield, CT: MS 8-17 of 66 (Str. 36-91)
Chaplin, CT: MS 18-23 of 66 (Str. 92-123)
Hampton, CT: MS 24-31 of 66 (Str. 124-161)
Killingly, CT: MS 47-50 (Str. 240-255)

Work Observed: (by Map Sheet and Structure Number / Site)

CSSS: Non-project related work inside station.

MS3, Str 15: Drilling operations.

MS6, Str 30: Drilling operations.

MS15, Str 82: Concrete foundation pour.

MS15-19, Str 83-102: Conductor pull.

MS26, Str 135 & 138: Compacting of Str pad 135, rough grading of Str pad 138, installation of silt fence and delivery of construction materials.

MS27, Str 139-140: Clearing operations up-line of Str 139.

MS29, Str 151: Building of access road and Str pad 151, delivery of materials, building of berms for additional erosion control protection.

MS30, Str 158-160: Chipping brush into truck at Str 158, clearing operations up-line of Str 159.

MS48, Str 243: Building Str pad 243.

Areas of Inspection		Observation:	Recommended Action:	Corrected Action:
Access Roads and Adjacent Roadways	Interim Week (8/7)	Adjacent roadways clear and free of sediment at all visited sites.	Continue to follow this procedure.	NA
	Bi-Week (8/14)	Adjacent roadways clear and free of sediment at all visited sites.	Continue to follow this procedure.	NA
Vegetative Clearing Limits (Including trees to save or danger trees noted.	Interim Week (8/7)	Project clearing observed during inspection appears to be in accordance with D & M plans. Clearing crews utilizing timber mats in wet areas to prevent unnecessary rutting.	NA NA	NA NA
	Bi-Week (8/14)	Project clearing observed during inspection appears to be in accordance with D & M plans. Clearing crews utilizing timber mats in wet areas to prevent unnecessary rutting.	NA NA	NA NA
Water Crossings	Interim Week (8/7)	All crossings appear to be functioning in accordance with the BMP Manual. No sediment appears to be entering the streams or wetlands.	Continue to follow this procedure.	NA

	Bi-Week (8/14)	All crossings appear to be functioning in accordance with the BMP Manual. No sediment appears to be entering the streams or wetlands.	Continue to follow this procedure.	NA
Erosion and Sedimentation Controls	Interim Week (8/7)	Noted that stockpile areas along ROW are being surrounded with straw wattles and stabilized with blown straw.	Continue to follow this procedure.	NA
		Str 15: Spoils are being contained in “spin off” containers for removal to an offsite dewatering area. (Photo 2)	Continue to follow this procedure.	NA
		Str 245-247: Spreading of hay on exposed topsoil.	Continue to follow this procedure.	NA
Erosion and Sedimentation Controls	Bi-Week (8/14)	Noted that stockpile areas along ROW are being surrounded with straw wattles and stabilized with blown straw.	Continue to follow this procedure.	NA
		CSSS: Slope stabilization blanket was installed alongside designated parking area across Card Street. (Photo 1)	NA	NA
		Str 151: Building soil berms for additional erosion control protection. (Photo 7)	NA	NA
Inland Wetland and Watercourse encroachment and mitigation	Interim Week (8/7)	Mat installations in wetland areas are in accordance with the BMP Manual.	Continue to follow this procedure.	NA
		Str 138: Feller/buncher using wetland mats to avoid unnecessary rutting in wet areas. (Photo 5)	Continue to follow this procedure.	NA
	Bi-Week (8/14)	Mat installations in wetland areas are in accordance with the BMP Manual.	Continue to follow this procedure.	NA

Spills and Material Storage.	Interim Week (8/7)	Spill kits noted on all visited sites.	Continue to follow this procedure.	NA
	Bi-Week (8/14)	Spill kits noted on all visited sites.	Continue to follow this procedure.	NA
Cultural Resources	Interim Week (8/7)	Pads in cultural areas are being installed with a geotextile separation fabric and sand buffer layer prior to the installation of the pad material.	NA	NA
	Bi-Week (8/14)	Pads in cultural areas are being installed with a geotextile separation fabric and sand buffer layer prior to the installation of the pad material.	NA	NA
Rare, Threatened, and Endangered Species	Interim Week (8/7)	NA	NA	NA
	Bi-Week (8/14)	NA	NA	NA
Additional Documentation Comments: Notes for 8/7/2014: <ul style="list-style-type: none"> • CSSS: Concrete foundation work inside station. • Drilling operations ongoing at Str 15, Str 20, Str 28, Str 42, Str 104. 				

Notes for 8/14/2014:

- CSSS: Non-project related work going on inside station.
- Drilling operations ongoing at Str 15 and Str 30.

Open Items from previous inspections:

Closed Items from previous inspections:

Next likely scheduled inspection:

August 20, 2014

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Independent Field Inspector: John M. Corbo, EIT 8/15/2014

Owner's Field Inspector: _____

Reviewer: Paul Knapik 8/15/2014



Photo #1: Slope stabilization measures opposite Card Street Substation entrance.



Photo #2: Spoils being contained in "spin off" containers at Str 15. (8/7)



Photo #3: Spill kit noted on site at Str 42. (8/7)



Photo #4: Conductor pull at Str 83.



Photo #5: Feller/buncher using wetland mats to avoid unnecessary rutting at Str 138. (8/7)



Photo #6: Blown straw erosion control measures at Str 151.



Photo #7: Building of berms at edge of Str pad 151 for additional sedimentation support.



Photo #8: Blown straw erosion control measures on exposed topsoil up-line of Str 245. (8/7)



Photo #9: Blown straw on exposed topsoil at Str 246. (8/7)